Wood Joining & Glues



Titebond Glues & Adhesives

The Most Trusted Name in Adhesives

Franklin International is the maker of Titebond adhesives. It is one of the largest manufacturers of adhesives in the United States. It produces glues to suit every woodworking situation. There are adhesives to suit large industrial users, professional furniture makers or jobs around the home. Every day, thousands of woodworkers use Titebond glue with confidence. Franklin do not just make glue, they provide solutions to customers' problems. This focus on problem solving has resulted in an impressive range of innovative glues. Every new product undergoes thorough testing in the laboratory and in the field before it reaches the market.

Whatever the job, Titebond offers a best-in-class product. Packaged in quantities suitable for the workshop or home user, these industrial adhesives make a tremendous difference.

Titebond products and the Titebond name have withstood the ultimate test: the test of time.

Titebond has a great track record for industry firsts, breakthrough products include:

1935: The first ready-to-use, one-part Liquid Hide Glue

1952: The original aliphatic resin wood glue, Original Titebond

1991: First glue to pass ANSI Type II for water resistance, Titebond II

2004: First one part wood glue to pass the ANSI Type 1 test for water resistance, Titebond III

How to Store Your Wood Glue for Longer Life

Bob Behnke, senior technical specialist at Titebond-manufacturer Franklin International, says that a dry, cool basement is an ideal place to keep wood glues. He adds that you might be able to extend the life of your glue even longer if you have room for it in your refrigerator.

Get good results gluing end grain joints

Although good joint design minimises the need for gluing end grain, sometimes end grain joints are unavoidable. The strength of end grain joints can be improved if the "open" end grain is first sized. A sizing mixture may be made by mixing one part to two parts water to one part glue. Place the sizing mixture on the end grain. Let it soak in for no more than two minutes, and then continue with a regular application of alue.

Recommended Clamping Times

Titebond Wood Glues: an unstressed joint 30 minutes to 1 hour; a stressed joint 24

Polyurethane Glue: clamp for a minimum of 45 minutes, the glue fully cures in about 6 hours.

Construction Adhesive: allows for 30 minutes working time (figure given for a 6mm bead) after which the adhesive begins to cure. After 8 hours the joint will be too strong to pull apart by hand, allowing the removal of any clamps or braces. The adhesive will continue to dry out for up to a week, getting stronger and stronger as it cures.

Titebond and Teak

300

Titebond wood glues will bond teak or cedar. However, this type of timber tends to have a build up of natural oil on the surface. Before making a bond, a light sanding of the surfaces will remove this surface layer. Alternatively wipe over with acetone, which dries quickly allowing bonding almost immediately.



Titebond Original Wood Glue

Used in the furniture industry for over 40 years, this is great glue for general woodwork and biscuit jointing. Titebond Original should be your glue of choice for interior woodwork. It has a strong initial tack and develops a bond stronger than the wood itself. It has excellent sandability and will not affect finishes. Non-toxic, easy to use and cleans up with water.

- Type Aliphatic Resin
- Interior use only
- Open time 5 minutes, assemble 10-15 minutes
- Initial Tack time 30 minutes, set time 24 hours

237ml (8floz) £4.75 £3.5	it Code
	6 600203
473ml (16floz) £7.26 £6.0	5 600204
3.8 litres (1 US Gall) £28.96 £24.1	3 600205
19 litres (5 US Gall) £114.96 £95.8	0 952201

Titebond II Premium Wood Glue

A weatherproof adhesive for outdoor projects and just as useful as general-purpose woodworking glue. It is FDA approved for indirect food contact, such items as kitchen chopping boards. Titebond II passes the ANSI Type II water-resistance specification. Combine this with its strong initial tack, high bond strength and excellent sandability and you have a very versatile workshop adhesive.

- Type Cross-linking PVA
- · Interior and exterior use
- Open time 5 minutes, assemble 10-15 minutes
- Initial Tack time 30 minutes, set time 24 hours

	Inc.vat	Ex.vat	Code
237ml (8floz)	£5.26	£4.38	600207
473ml (16floz)	£8.76	£7.30	600208
3.8 litres (1 US Gall)	£34.96	£29.13	600209
19 litres (5 US Gall)	£137.95	£114.96	952202

Titebond III Ultimate Wood Glue

Waterproof glue formulated to give you the ease of application of Aliphatic/PVA's with the water resistance and strength of Polyurethane glues. It cleans up with water whilst wet and when dry has excellent sandability. It is unaffected by finishes and is solvent, heat and mildew resistant. It passes the stringent ANSI/ HPVA Type I water-resistance test. It is non-toxic and has FDA approval for indirect food contact (i.e. chopping boards). The ultimate in wood glues. for exterior projects, providing a strong initial tack and the longer open time allows more latitude when aligning parts.

- Type Advanced Proprietary Polymer
- · Interior and exterior applications
- Open time 10 minutes, assemble 20-25 minutes
- Passes ANSI/HPVA Type I water-resistance

	Inc.vat	Ex.vat	Code
237ml (8floz)	£7.75	£6.46	301413
473ml (16floz)	£11.95	£9.96	301414
3.8 litres (1 US Gall)	£48.96	£40.80	301416
19 litres (5 US Gall)	£197.95	£164.96	952203







Titebond II Dark Wood Glue

As the name suggests, glue for use on darker coloured timber. Titebond glues generally dry to a straw colour, fine for softwood, ash, sycamore and the like, but perhaps not desirable for darker or dyed wood. The adhesive has all the properties and advantages of Titebond II, but dries to a dark brown colour.

- · Interior or exterior use
- Excellent sandability, unaffected by finishes, Non-toxic
- Open time 5 minutes
- Assembly time 10-15 minutes

	Inc.vat	Ex.vat	Code
237ml(8floz)	£5.46	£4.55	600206

Titebond Extend Wood Glue

Similar in formulation to Original Wood Glue, this glue gives you the same reliability combined with a longer open time for complicated assemblies. Stiffer and more heat resistant when fully cured than Titebond III and most other PVA and aliphatic resins makes it most suitable for laminations and interior applications likely to be exposed to higher than normal temperatures (kitchens. fire surrounds, etc).

- · Interior use
- Open time 15 minutes
- Assembly time 20-25 minutes
- Non-toxic, clean up with water

00	od Glue		0	
d				
5.				
sed	Thetron	 File	010	
ılk oun lable	WT 165, 82 (10 PC)	Wood Glue	Colle à bois	122

	Inc.vat	Ex.vat	Code
473ml (16floz)	£8.46	£7.05	701738
3.8 litres (1 US Gall)	£32.46	£27.05	701739

Titebond No-Run, No-Drip Wood Glue

The thickest, fastest drying glue available, use for porous and semi-porous materials. Perfect for trim, mouldings and small components. This is non-drip wood glue, easy to use and cleans up with a damp cloth before setting. It provides a strong 30-minute initial tack, yet allows for realignment of working pieces and is non-toxic.

it develops a bond stronger than the wood itself, offers excellent sandability and is unaffected by finishes.

- Type Thixotropic PVA
- Interior use only
- Open time 3-5 minutes
- Dries translucent



Titebond Cold Press for Veneer



VIDEO

Specifically formulated for cold press laminating of wood to solid woods, particleboard, MDF, plywood and other porous materials. Cold Press for Veneer is an economical alternative to contact adhesives for bonding veneers to flat surfaces. It offers a moderate speed of set, a translucent glue line and contains none of the harmful or corrosive fumes typical of most contact adhesives. It also prevents bleed-through on open-grained and un-backed wood veneers.

- Economical alternative to contact cemen
- Formulated to minimise "bleed-through"
- Moderate speed of set
- No harmful vapours

e to contact cement	Bulk discount
se "bleed-through"	discount
t	available*

	Inc.vat	Ex.vat	Code
946ml (32oz)	£10.96	£9.13	952215
3.8 litres (1 US Gall)	£29.95	£24.96	952216





Titebond Polyurethane Glue

Versatile, very strong and reliable for interior and exterior projects and constructions. In addition to wood, it will also bond metals, ceramics, most plastics, Corian™, stone and many other porous/non-porous materials. A good choice when bonding different materials to each other. During curing it 'foams', once cured, it will not become brittle with age nor will it expand or contract in the joint. Any squeeze-out is easy to sand off when dry. Polyurethane glue is a very persistent adhesive, difficult to clean up particularly from hands, we recommend using disposable gloves.

- · Suitable for porous and non-porous materials
- Initial tack time 30 minutes
- Setting time 4 hours approximately
- 100% waterproof (Passes ANSI Type I & II water-resistance testing)
- Epoxy-like strength no mixing

	Inc.vat	Ex.vat	Code
118ml (4oz)	£7.26	£6.05	212513
237ml (8floz)	£10.96	£9.13	600211
355ml (12floz)	£13.96	£11.63	600212



Titebond Liquid Hide Glue

The glue that began the Titebond story in 1935 and still going strong. Titebond Liquid Hide Glue is hide glue in a liquid, ready-to-use form. It requires no mixing, heating or stirring. Titebond Liquid Hide provides superior creep-resistance, offers excellent sandability and is unaffected by finishes. The fact that it is reversible allowing for the disassembly of parts is a crucial benefit in antique restoration or the repair of musical instruments.

- Type Natural Protein Emulsion
- Suitable for wood and cloth
- · Suitable for interior use only
- · Recommended for antique restoration

	Inc.vat	Ex.vat	Code
118ml(4floz)	£4.96	£4.13	600224
237ml(8floz)	£7.75	£6.46	600225





Titebond Instant Glues

Cyanoacrylates (CA) commonly referred to as Super Glues due their almost instant setting time, strong adhesion and the variety of materials they will bond. The Titebond Instant range of CA adhesives covers many different applications; the viscosity and setting times vary according to the chosen product.

Thin: 5 seconds handling time, 3 second set time, good for running into hairline cracks for repairs and stabilising small sections of timber.

Medium: 7 seconds handling time, 5 second set time, general-purpose type of CA glue.

Thick: 10 seconds handling time, 8 second set time, ideal for stabilising porous woods and using with MDF and trimming carpentry components.

Gel: 30 seconds handling time, 20 second set time, has excellent gap filing properties. Its performance is very good when used with porous materials.

	Inc.vat	Ex.vat	Code
Thin 56.8g(2oz)	£12.96	£10.80	210868
Medium 28.4g(1oz)	£8.76	£7.30	501306
Medium 56.8g(2oz)	£12.96	£10.80	210869
Thick 56.8g(2oz)	£12.96	£10.80	210870
Gel 56.8g(2oz)	£14.95	£12.46	210871



Wudcare PVA - 5 Minute

Under normal working conditions, this will give you an initial bond in just 5 minutes and a firm bond in 10. It is suitable for interior and exterior use and has been creep failure tested to BS4071. In common with other Wudcare products, this glue does what it says on the pack, outperforming others. If you want versatile, quick, reliable wood glue, look no further. Recommended for laminating and veneering wood as well as construction joints.

- Type PVA
- Interior/exterior use
- Initial tack time 5-10 minutes
- Setting time 4 hour, 24 hour full cure

	Inc.vat	Ex.vat	Code
500ml	£5.46	£4.55	301356

Fast Grab 5 Minute Polyurethane Glue

This massively strong polyurethane glue is economical to use. After setting, the bond is very stable resisting 'creep', immersion in salt water and exposure to the elements Fast Grah will also bond with cement, metal and many combinations of materials.

- Interior/exterior use
- Initial tack time 5-10 minutes
- Setting time 4 hour firm bond, 24 hour
- full cure

500ml	£11.95	£9.96	500010

Polyten PVA Glue

This glue is very high quality crosslinking PVA adhesive. When dry it is water resistant to D3 standard (BS EN 204). This fast grab PVA produces a secure bond, within 10 minutes. It allows you to carry on working instead of waiting for things to dry. It is fully dry in 2 hours. Suitable for bonding wood, chipboard, block board, veneers decorative laminates and other similar materials.

- Dries to transparent film
- Initial tack time 10 minutes
- Setting time 2 hours approximately

	Inc.vat	Ex.vat	Code
125ml	£2.95	£2.46	505503
500ml	£5.26	£4.38	410350
1 litre	£9.46	£7.88	410349

Fast Grab Instant Polyurethane Glue

For those of you in a hurry Fast Grab Instant has all the properties and benefits of Fast Grab, but this gun-able Polyurethane adhesive grabs in one minute, sets to a strong bond in 5 minutes reducing clamping time to a minimum. If the joint is subject to stress then it is wise to allow 24 hours for the full cure to take effect. 310ml cartridge

- Interior/exterior use
- Initial tack time 1 minute
- Setting time 5 24 hours approximately

310ml



Cascamite Powdered Resin Wood Glue

Cascamite (also known as Polymite) is a well-proven adhesive for joinery, cabinetwork or boat building. A synthetic resin sold in powder form, you simply add water before use. It has good gap filling properties and leaves a clear glue line.

- Type Powdered Resin
- Interior/exterior use
- · Gap filling properties, clear glue line
- Non-staining, mould resistant
- Tack time 1-2hours, cure time 6 hours approximately

	lnc.vat	Ex.vat	Code
125g	£4.26	£3.55	400022
220g	£6.46	£5.38	400024
500g	£12.96	£10.80	400026
1.5kg	£21.96	£18.30	400023
3kg	£39.96	£33.30	400025

Aerolite 306 Glue Pack

This much valued urea-formaldehyde/acid hardener glue has been used for many years in boat building and light aircraft wood applications for its strength and dependability of bond. Apply the powder resin mixed with water to one surface and the hardener to the mating surface. The open time is dependent on temperature and humidity but will be in the region of 5-25 minutes.

- Type Urea-formaldehyde
- Interior/exterior use
- 2 part, resin/water mix and hardener for mating surface
- Setting time 25 minutes/3 hours dependent on temperature

	Inc.vat	Ex.vat	Code
Glue Pack 375g	£17.95	£14.96	310467





Polyproof Fully Waterproof Glue

£6.63

500009

This two part glue is fully waterproof when dry (it is a resorcinol/ phenol/formaldehyde glue). It is excellent for a range of applications including bonding of normally difficult timbers such as teak or preservative treated timbers. Used extensively for marine applications as it withstands continuous immersion in water. Liquid resin and hardener supplied together, (formerly known as Cascaphen or Extraphen).

- Fully waterproof, 2 part glue
- · Suitable for totally submerged timber
- Type Resorcinol
- Tack time 10 30 minutes, cure time 4 hours

Waterproof Glue 500g	£34.96	£29.13	400014
	Inc.vat	Ex.vat	Code



Glue Applicators

Axminster Glue Bottles

- · 227ml (8fl oz) bottles complete with closures to keep the glue fresh
- Roller Bottle: lays the glue over flat surface areas
- · Biscuit Jointer Bottle: delivers glue accurately into the pocket
- · Dowel and Biscuit Jointer Bottle: 9mm nozzle feeds glue into holes
- Brush Bottle-brush head for a more conventional application



Glue **Applicator Set**

- · Excellent applicator incorporating a glue roller and a variety of nozzles
- Covers virtually every glue application imaginable
- Includes brush applicator and dowel and biscuit nozzles
- Supplied with two empty glue bottles
- Nozzle thread is compatible with 8oz Titebond



Code Inc.vat Ex.vat Glue Bottle Set £13.30 100242









Ex.vat

Inc.vat

Axminster Glue Injector Set

- · High pressure glue injector set
- Excellent for applying glue to hard-to-reach places
- Flexible spout and two nozzles 0.6mm and 1.6mm
- · Easy to dismantle for cleaning

cl 1 ' · c ·

Glue Injector Set	£15.46	£12.88	504669
6 Piece Multi- Purpose Spreading Spatulas			
 For applying glue to wood, felts, paper, cardboard etc. Flexible tip, can be used with various amounts of pressure Polypropylene plastic, dried glue o paint simply peels off 	r		



Lamello Glue Dispenser

- Specifically shaped nozzles dispense glue into groove with no mess
- Non-slip base on MINICOL seals
- nozzle to prevent blockages Pump action bottle on DOSICOL

to adjust glue delivery

Axminster

Disposable

A pack of 12 disposable brushes

• 12mm wide with tubular handles

· Use for applying oils, paints, stains,

Brushes

suds, glues, etc

Pack of 12

	Inc.vat	Ex.vat	Code
Minicol Dispenser	£40.96	£34.13	600497
Dosicol Dispenser	£76.96	£64.13	410156

Minicol



- · Apply wood glue quickly and easily
- Re-usable, non-stick for easy clean up
- Brushes: 12mm and 25mm brush tip with 15mm spreader ends
- · Combined spreader/comb and glue tray
- Use for PVA and similar, works with most polyurethane glues

	lnc.vat	Ex.vat	Code
Non Stick Glue Kit	£12.96	£10.80	506086
Glue Brush Only	£5.46	£4.55	504424





- · For applying anything you wouldn't use your good brushes on!
- · Superb value thirty six times over
- · Contains 12 of each size: 25mm, 38mm and 50mm
- · Great for glue, stains and general workshop use

Set of 36	£16.45	£13.71	600580

· Length 150mm, width 15mm Inc.vat Pack 6 £4.13 600906

£5.46

Clamps and Cramps

Construction Adhesives

Titebond Heavy Duty Construction Adhesive

This versatile adhesive will bond a wide range of construction materials (requires a mastic/ skeleton gun for application). Including wet, frozen and treated timber. It is also ideal for metal. brick, concrete, mirrors, ceramics and most large panel-type substrates. Titebond Heavy Duty fills gaps and irregularities between materials and provides a more solid backup surface. It also offers excellent water-resistance and remains permanently flexible. (Not recommended for polystyrene or polyurethane foam).

- · Bonds wood, metal, brick, concrete, ceramics, plasterboard and more
- · Strong gap filling bond
- · Interior and exterior use Setting time 6-24 hours
- Tube 311ml and 215mm long
- (excluding nozzle)



Titebon



	lnc.vat	Ex.vat	Code
311ml(10.5oz) 1 Tube	£4.75	£3.96	600210
Box of 12 Tubes	£49.96	£41.63	719621
Box of 60 Tubes	£224.95	£187.46	718695

Titebond Solvent Free Construction Adhesive

A medium viscosity mastic adhesive (requires a mastic/skeleton oun for application). It is suitable for all common building materials including polystyrene and polyurethane foam, metal, masonry and even wet, frozen or treated timber. Any adhesive designed for the exacting demands of American building contractors, to stand up to the rigours of a Mid-west winter or a southern summer has to have a lot going for it. It contains no nasty solvents and cleans up, when wet, with water. Depending upon the application or load, some form of mechanical fixing may still be required to hold things in place or carry some of the weight - a simple common-sense approach is always best.

- Suitable for Polyurethane, polystyrene, wood, metal, plastics and more
- · Interior and exterior use
- Setting time 6-24 hours
- Tube 311ml and 215mm long (excluding nozzle)

	lnc.vat	Ex.vat	Code
311ml(10.5oz) 1 Tube	£3.96	£3.30	409001
Box of 12 Tubes	£41.96	£34.97	714526

Titebond 1 Titebond GREENchoice™



100136

£4.55

Premium Polyurethane Construction Adhesive For interior and exterior projects, this is one of

the highest performing products of its kind, offering unmatched strength and durability. An advanced urethane formula, offers a fast grab, smooth bead with fast cure and minimal shrinkage. Safe for plastic and foam (test area recommended), with a VOC-compliant formula containing no ozone depleting chemicals.

- · Suitable for drywall, plaster, paint, panelling and ceramic tile
- Non flammable, emits no harmful fumes
- Cleans up with water
- Tube 311ml and 215mm long (excluding nozzle)

	lnc.vat	Ex.vat	Code
311ml(10.5oz) 1 Tube	£6.96	£5.80	952217
Box of 12 Tubes	£69.96	£58.30	718696

Cox Easiflow HD Sealant Gun

- Fitted with patented Pressure Relief Device
- · Welded steel frame with tough epoxy-coating
- · Case hardened clutch plate
- · Suitable for 310ml or 400ml cartridges



Cox Powerflow Sealant Gun

- · Flow Stop control can be switched on or off
- 12:1 trigger ratio for easier fatigue free working
- · Strong welded steel epoxy coated frame
- Takes 310ml and 400ml cartridges

	Inc.vat	Ex.vat	Code
Powerflow Sealant Gun	£18.96	£15.80	951046



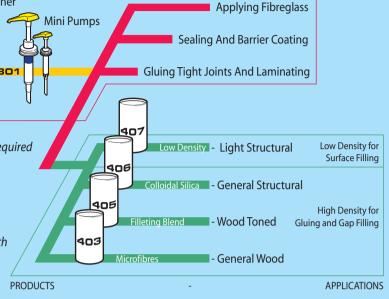
WEST SYSTEM® epoxy is a versatile, 2-part, marine-grade (waterproof) epoxy that bonds and coats wood, fibreglass, metal, fabrics and other composite materials to provide superior strength and moisture resistance. Suitable for a host of construction/repair projects especially ones exposed to the elements; boatbuilding, all furniture including garden, restoration, aircraft and vehicle and many more. You can easily modify the epoxy to suit your specific project, whether you're jointing, wanting to laminate strips, building up by filling/shaping or sealing the surface.

WEST SYSTEM® Cookbook:

Slow Hardener Ероху Mini Pumps 105 Resin **208** 1. Begin with 105 Epoxy Resin, the basic ingredient of all WEST SYSTEM epoxy compounds Fast Hardener **HARDENERS**

2. Control the cure time or adjust to working temperature or working time required with one of four specially formulated **WEST SYSTEM** hardeners

- 3. Select the correct set of MINI PUMPS
- **4**. Adjust the strength, weight, texture and sandability of the cured epoxy with one of six **WEST SYSTEM** fillers. Adjust the viscosity of the resin/hardener mixture by the amount of filler added or provide specific coating properties with **WEST SYSTEM** additives.



User Manual and Product Guide

- Comprehensive guide to West System epoxy
- Includes selection and coverage guides
- Information on appropriate product choice

	Inc.vat	Ex.vat	Code
User Manual 57 Pages	£1.45	£1.21	506077



VIDEO

UK Mainland

User's CD

- Invaluable 'how to' and product guide
- Shows processes and combinations of products
- Provides a mass of tips and know how

User's CD	£2.35	£1.96	202490	
	Inc.vat	Ex.vat	Code	



101 Mini Repair Kit

All you need for the small projects or repairs using the unique West System. This pack allows you to bond, coat, fill and shape with epoxy.

Contents include:

- · 250g 105 Resin, 50g 205 Hardener, 403 and 407 fillers
- Dispensing syringes, application tools, gloves and instruction

	Inc.vat	Ex.vat	Code
Repair Kit	£21.46	£17.88	200579



104 Junior Pack

When mixed the resin and the hardener will provide up to 600 grams of adhesive for the smaller jobs and repairs. Includes 105 resin and 205 Fast hardner.

- · Suitable for wood, metal and GRP
- Exterior/wet use
- Setting time 5-48 hours

600g	£25.96	£21.63	310403
	Inc.vat	Ex.vat	Code



G/5 5 Minute Epoxy Resin

A fast setting, two-part epoxy resin adhesive, suitable for a host of quick repair jobs and gives a very strong bond. G/5 will bond wood, fibreglass, plastics, metal and more.

- 1:1 mix ratio
- · Cures in 3-5 minutes
- · Pack contains 4fl.oz resin, 4fl.oz hardener

G/5 Epoxy Resin 4fl.oz	£22.96	£19.13	506066







Six10 Epoxy Adhesive

This two-part epoxy adhesive comes in a cartridge with a self-mixing nozzle. Applied using a standard sealant/caulking gun it couldn't be easier to use. The adhesive is waterproof, non-sagging, and suitable for vertical or overhead use. Use it to fill cracks, apply fillets, coat and seal, and reinforce fibreglass and carbon fibre and more.

- · 190ml cartridge, fits standard sealant/
- Self-mixing nozzle dispenses resin and hardener correct amounts
- · Bonds to wood, metals, fibreglass and
- Working time is 42 minutes at 21°C, solidify 5-6 hours



£19.96

501667

A DHESIVE	403 Microfibres Filler • Use to thicken epoxy • Cellulose cotton fibre blend • Improves gap filling qualities • Add 4 - 16% by weight to the epoxy	SVS 40 MICRO FOR BONDING. F
ling appared and month, increased and month, and month, and month, and month, and month, and month, and	Cured colour: off white	Inc.vat
7 9 5 1 1 1	1500	19 76



£8.76	£7.30	100586
Inc.vat	Ex.vat	Code

	Inc.vat	Ex.vat	Cod
Syringes 10ml (Pkt 2)	£4.45	£3.71	38071
Syringes 50ml (Pkt 2)	£6.96	£5.80	38072
Syringes 1 x 10ml, 1 x 50ml	£5.46	£4.55	38070



650-8 G/Flex **Epoxy Resin**

Six10 Epoxy Adhesive 190ml

This is a toughened, resilient two-part epoxy designed for strong waterproof bonding and sealing. It is the solution for difficult-to-bond woods such as oak and teak, metals, glass, plastics, masonry and fibreglass. G/flex is suitable for structural bonding it can absorb the stresses of expansion, contraction, shock and vibration.

- Pack size: 118ml resin/118ml hardener.
- Easy to use, 1:1 mix ratio provides 45 minute pot life
- · Long open time of 75 minutes at room temperature
- Initial cure 3-4 hours, workable cure 7-10 hours

	Inc.vat	Ex.vat	Code
650/8 Liquid Epoxy 118ml	£27.96	£23.30	506064



WEST 205 or 206 Epoxy **Large Pack**

West System 105 adheres to a wide range of materials, making it ideal for projects that require water and chemical resistance. It has strong physical properties for structural bonding. Select from a range of hardeners and additives that allow you to tailor the mixture's handling characteristics and the physical properties of the cured epoxy to suit your working conditions and specific coating or bonding application.

- · West System is quality assurance registered to BS5750/Pt2, IS09002 and AQAP4 Edition 2
- Pack contains 1kg 105 resin plus 0.2kg hardener
- 105 + 205 Hardener (fast), pot life 9-12 mins, cure 6-8 hours • 105 + 206 Hardener (slow) pot life 25-30 mins, cure 10-15 hours

	Inc.vat	Ex.vat	Code	
105 + 205 Fast 1.2kg	£43.96	£36.63	702682	
105 + 206 Slow 1.2kg	£43.96	£36.63	702684	

406 Colloidal Silica Filler

- General purpose thickening additive
- · Suitable for bonding, gap filling and
- Controls viscosity of epoxy
- 3-8% weight to epoxy mix according to requirement
- Off white when cured

	Inc.vat	Ex.vat	Code
60g	£8.76	£7.30	500221
275g	£17.95	£14.96	500222

407 Low

- repair putty

- according to requirement





702686 Pump Set for 1.2kg pack £19.96 £16.63

Mixing Pot

- Strong and re-usable
- Graduated in 50ml divisions
- · 800ml capacity

Syringes

Measures small quantities accurately

· Suitable for applying adhesive to difficult areas

• 50ml in 1ml divisions or 10ml in 0.5ml divisions

	Inc.vat	Ex.vat	Code
800ml Mixing Pot	£1.45	£1.21	500224



EPOXY PE

804 Reusable **Plastic Mixing Sticks**

- · Re-usable sticks to mix, apply and fillet Epoxy peels off when cured
- 25 per pack

	IIIC.vat	LX.Val	Coue	
Reusable Plastic Mixing Sticks (Pkt 25)	£9.96	£8.30	501620	

Notched Spreaders

- For controlled and consistent application
- Three notch sizes
- Reusable plastic, 2 per pack





- For spreading, filling and forming West System mixtures
- · Chamfered on two longest sides
- · 2 re-usable squeegees per pack

	Inc.vat	Ex.vat	Code	
Squeegee (Pkt 2)	£4.96	£4.13	380802	



Z-Poxy Epoxy Resin

Z-Poxy is a quick setting two-part epoxy resin giving a clear, tough, permanent bond to wood, metals, fibreglass and many plastics. It has excellent gap filling and shock resistant characteristics. It is resistant to fuel, oil, many chemicals and solvents. Available with either a 5 minute or 30 minute set time. Both packs are 8 fl.oz (4 fl.oz resin; 4 fl.oz hardener).

- Type Two part Epoxy resin
- Interior/exterior use
- Clear, tough, permanent bond
- · Setting times 30 minutes or 5 minutes

	Inc.vat	Ex.vat	Code
30 Minute 235ml(8 fl.oz)	£19.96	£16.63	990120
5 Minute 235ml(8 fl.oz)	£19.96	£16.63	990121



Araldite Epoxy Resin

Araldite is epoxy resin well known and regarded. It cures to produce an incredibly strong bond between many different types of materials. For convenience when mixing the syringe dispenses equal amounts of adhesive. Standard Araldite requires at least 24 hours before the bond is totally set but can be repositioned for up to 80 minutes. Araldite Rapid gives a much faster bond time and is totally set within 3 hours.

- Type Epoxy
- · Interior and Exterior use

inc.vat	Ex.vat	Code
£8.46	£7.05	340085
£9.46	£7.88	340282
		£8.46 £7.05

Superglues & **Specialist Adhesives**

Chestnut Cyanoacrylate Adhesive

Chestnut super glue is available in three viscosities. Thin: for use where you require an exceptionally fine glue line. The very low viscosity allows it to run into cracks and form a repair by capillary action. Medium: makes a good generalpurpose canoactylate adhesive. It has a slightly longer cure time than the thin. Thick: combines a longer cure time with the ability to fill minor gaps.

- Incredible strength
- · Impact resistant

Thin 20g Medium 20a Thick 20g

306

Supplied in

n a 20g plastic bottle	4	CHEST	NUI
	Inc.vat	Ex.vat	Code
	£4.26	£3.55	506315
	£4.26	13 55	506216

A CHECTAILT

£3.55

506317

Zap-A-Gap **Adhesive**

Zap-A-Gap bonds practically anything in seconds. It allows 7-10 seconds careful positioning and is able to bridge slight gaps. Once parts are in position, a quick spritz of Zap Zip Kicker will speed up the cure time.

- Type Cyanoacrylate
- Interior use only
- Setting time 10-20 seconds



Superglues & Specialist Adhesives

	Inc.vat	Ex.vat	Code
28g	£7.45	£6.21	990095

Zap Z-7 Debonder

If you are using super glues then the chances are at some point in your life you will need Z-7 Debonder. Its special formula softens cured super glues into a jelly like substance, easily removed from fingers, surfaces etc. A few applications on a joint allow disassembly after about 4 minutes. However, its formula may affect some plastics or painted surfaces. Use to release accidently bonded fingers.



	Inc.vat	Ex.vat	Code
28g	£5.26	£4.38	990099



Zap Zip Kicker

The best all round accelerator for both Zap and all other super glues. A quick spray results in the almost instantaneous cure of cyanoacrylate adhesives. Kicker expands the gap filling properties and solves a lot of tough bonding problems.

	Inc.vat	Ex.vat	Code
56g	£8.26	£6.88	990098

Titebond Instant Glues

Cyanoacrylates (CA) commonly referred to as Super Glues due their almost instant setting time,

strong adhesion and the variety of materials they will bond. The Titebond Instant range of CA adhesives covers

many different applications; the viscosity and setting times vary according to the chosen product.

Thin: 5 seconds handling time, 3 second set time, good for running into hairline cracks for repairs and stabilising small sections of timber.

Medium: 7 seconds handling time, 5 second set time, generalpurpose type of CA glue.

Thick: 10 seconds handling time, 8 second set time, ideal for stabilising porous woods and using with MDF and trimming carpentry components.

Gel: 30 seconds handling time, 20 second set time, has excellent gap filing properties. Its performance is very good when used with porous materials.

	Inc.vat	Ex.vat	Code
Thin 56.8g(2oz)	£12.96	£10.80	210868
Medium 28.4g(1oz)	£8.76	£7.30	501306
Medium 56.8g(2oz)	£12.96	£10.80	210869
Thick 56.8g(2oz)	£12.96	£10.80	210870
Gel 56.8a(2oz)	£14.95	£12.46	210871



Veritas Chair Doctor Glue

Low viscosity glue that soaks into the end grain, swells the wood fibres. Once dry it prevents the fibres from shrinking back thus freezing the wood in its swollen state. Its low viscosity allows it to run into cracks and joints, such as loose chair rails.

- 57ml (2fl oz) bottle with slim applicator tip
- Chair Doctor Pro includes 114ml (4fl oz) of glue, 1 syringe, and 3 sizes of blunt tip-needles
- · Clean up with water

	lnc.vat	Ex.vat	Code
Chair Doctor 57ml	£8.46	£7.05	510450
Chair Doctor Pro Kit 114ml	£10.45	£8.71	510451



Evo-Stik Timebond

This is a non-drip contact adhesive with thixotropic properties. These properties allow for slight adjustments prior final positioning



- · Interior and exterior
- · Setting time 15 minutes approximately

	inc.vat	EX.Vat	Code
250ml	£7.75	£6.46	900365
500ml	£13.96	£11.63	900368
1 litre	£23.95	£19.96	900360

All Purpose Welder Contact Adhesive

Industrial strength all-purpose contact adhesive, bonds porous and nonporous materials and is suitable for both outdoor and indoor applications. Permanently bonding and sealing Welder can be used to glue plastic, wood, metal, rubber, vinyl, cloth, tile, ceramic, and others. You will be amazed now many times you will reach for this



- · Bonds porous and non-porous materials
- Leaves a clear bond
- Supplied in packs of 2 x 1oz tubes

	Inc.vat	Ex.vat	Code
Welder Adhesive (Pkt 2)	£7.96	£6.63	503797

Devcon Plastic Welder



Made in the USA, Plastic Welder will bond hard plastics, metals, concrete, vinyl, PVC piping and fibreglass (but not polyethylene or polypropylene plastics). The waterproof bond, can be handled in 15 minutes and reaches full strength in 24 hours. Clean and easy to use the two-part syringe dispenser delivers equal quantities of glue and hardener to take the guesswork out of the mix. Combines to make 25ml.

- Type Epoxy
- · Interior/exterior use
- Initial tack time 4-15 mins
- · Setting time 24 hours approximately

Plastic Welder	f8.95	£7.46	322045
	Inc.vat	Ex.vat	Code







Mitre Bond Adhesive

A highly effective super fast adhesive with activator spray. It's so easy to use, spray one face of the joint with the activator apply a small amount of the adhesive to the other face and bring

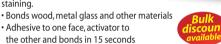
both sides together and hold for approximately 10 seconds; you will be amazed.

- Type Cyanoacrylate
- Suitable for wood, metal, plastics, cloth, leather, rubber and ceramics
- Interior use only
- Setting time 10 seconds approximately

	Inc.vat	Ex.vat	Code
50g	£7.45	£6.21	600402

Mitre Bond Adhesive & Pen

This kit contains 3 x 50g packs of Mitre Bond adhesive and an activator pen that will set super glue in 15 seconds. The activator pen is quick and allows precise application without the risk of overspray or staining.



• Contains 3 x 50g packs of adhesive





Titebond Liquid Hide Glue

Titebond Liquid Hide Glue is hide glue in a liquid, ready-to-use form. It requires no mixing, heating or stirring. Titebond Liquid Hide provides superior creep-resistance, offers excellent sandability and is unaffected by finishes.

- Suitable for Interior use only
- Recommended for antique restoration

	lnc.vat	Ex.vat	Code
118ml(4floz)	£4.96	£4.13	600224
237ml(8floz)	£7.75	£6.46	600225

Wood Glue



Liberon Pearl Glue



- Type Scotch/Animal
- Suitable for wood, cloth and leather
- Interior use only
- Setting time 12 24 hours

	Inc.vat	Ex.vat	Code
250g	£6.76	£5.63	800289
500g	£11.26	£9.38	800291
1kg	£14.95	£12.46	800288



Liberon Rabbit Skin Glue



This traditional glue is much used in the making of musical instruments. It bonds rapidly, yet is easily de-bonded with hot water should for repairs and has very low creep over time. Other uses include use as a sizing in the preparation of all artist's canvas and as a base for gilding.

- Mix 1 part glue to 4 parts water
- · Heated in a double boiler
- · Short working time, mating surfaces need to be a close fit

	Inc.v		
250g	£11.46	£9.55	800446

Hotmelt Glue



Bosch GluePen Cordless Li-Ion Glue Gun

Small and very controllable, this GluePen from Bosch is great for finer work where you need to be very precise. Using Li-Ion technology, the built-in 3.6V battery makes it very portable. With rapid heat-up of only 15 seconds (170°C), a single battery charge is enough for 30 minutes (six glue sticks). It fits comfortably in your hand and works cleanly with an automatic glue retraction. Auto shut-off after 10 minutes. It takes 7mm glue sticks. 2 year Bosch warranty.

Supplied with integral 3.6V 1.5Ah battery, micro USB charger and 4 general purpose glue sticks.

	Inc.vat	Ex.vat	Code
GluePen Glue Gun 3.6V	£29.95	£24.96	506078
7mm x 100mm Glue Sticks Pack 12	£1.75	£1.46	478003



Bosch PKP 3.6 LI Cordless Li-Ion Glue Gun BOSCH

Cordless Li-Ion technology allows you to go almost anywhere with this glue gun. It is suitable for craft, decoration, repairs and has many other uses. Li-Ion gives a long battery runtime of 30 minutes on a single charge (six glue sticks). Electronic cell protection shields the battery for a long battery life. It is very compact and light in weight at only 255g. The PKP 3.6Li glue gun features auto shut-off and heat protection. The LED display shows both temperature and battery level. Heat up time is 15 seconds to reach 170°C. It takes 7mm glue sticks. 2 year Bosch warranty. Supplied with integral 3.6V 1.5Ah battery, charging lead and 4 qeneral-purpose glue sticks.

	Inc.vat	Ex.vat	Code
Cordless PKP 3.6 LI Glue Gun	£38.95	£32.46	506080
7mm x 100mm Glue Sticks Pack 12	£1.75	f1.46	478003



Arrow TR550 Glue Gun

This professional glue gun will take high and low temperature glue sticks. It has a high volume melt chamber and heavy-duty circuitry for prolonged use. The large trigger is comfortable in use. It features a non-drip nozzle and check valve to control glue flow. The flip-out stand also acts as a drip tray. The TR550 takes standard glue sticks 11/12mm.

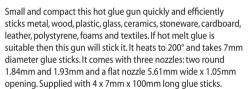
	Inc.vat	Ex.vat	Code
TR550 Glue Gun 230V	£20.95	£17.46	952319



Here's a hot melt glue gun with a very high delivery rate for its size, up to 20g per minute. Electronically controlled elements heat the adhesive ensuring a constant working temperature. The flow of glue is delivered by a trigger feed mechanism. The nozzle has a non-drip feature. Weight 350g. Takes standard

Glue Gun 2	30V	£19.96	£16.63	800346
PRO	XON			
	Separate Sep	1/	1	m
/A /A			7	

Proxxon HKP 220 Hot Melt Glue Gun



	Inc.vat	Ex.vat	Code
HKP 220 Glue Gun 230V	£14.76	£12.30	476827

7mm Hot Melt Glue Sticks

7mm diameter hot melt glue sticks. For metal, wood, plastic. ceramics, cardboard, leather, polystyrene foams and textiles. Length 100mm. for all glue guns talking 7mm sticks. Colourless. Sold in packs 12.

7mm x 100mm Glue Sticks Pack 12	£1.75	£1.46	478003	
	Inc.vat	Ex.vat	Code	

12mm Hot Melt Glue Sticks (Yellow)



Our most popular hot melt adhesive, yellowy colour and flexible with a medium open time of 45 seconds and a very high molten tack or grab. It forms a tough bond on many difficult substrates. Recommended for use on woods, most plastics, ceramics and light gauge metals. Each stick contains approximately 30g of glue, and is 12mm in diameter by 300mm long.

	Inc.vat	Ex.vat	Code
1kg	£10.26	£8.55	510036
5kg	£41.95	£34.96	510037

12mm Hot Melt Glue Sticks (White)



A white translucent adhesive with a longer open time of 60 seconds and high molten tack. Suitable for softwoods, board, paper, fabrics and some plastics. Each glue stick 12mm diameter by 300mm long and weighs approximately 30g.

	Inc.vat	Ex.vat	Code
1kg	£10.96	£9.13	510034
5kg	£43.96	£36.63	510035

Dowelling Jigs

The dowel is perhaps the simplest way of forming a joint, whether edge, butt, lap, tee or mitre joint. All that is required is the accurate marking and drilling of the holes to take the dowel. Jigs are designed to make the jointing process as accurate as possible.



Wolfcraft Dowelmaster Jig

A simple jig and extremely easy to use. It is suitable for producing E, L and T joints with either 6mm, 8mm or 10mm dowels in material up to 30mm thick. Simply hold the jig in place and place the drill bit in the correct sized hardened steel drill bush for an accurate joint every time. The Dowelmaster's clever design automatically positions the dowel hole in the centre of the timber every time.

	lnc.vat	Ex.vat	Code
Dowelmaster Jig	£20.95	£17.46	910385



Wolfcraft Universal **Dowelling Jig**

An alloy jig with hardened steel bushes, it will produce E. L and T joints with either 6mm, 8mm or 10mm dowels. The jig has an integral clamp, firmly gripping your workpiece to ensuring drilling with a greater degree of accuracy. A second separate clamp prevents any movement of your work. This means even a series of holes will line-up successfully, useful when drilling large boards. We recommend using a (lip and spur) dowel drill and depth collar. All-round accuracy in work up to 30mm thick.

	Inc.vat	Ex.vat	Code
Dowelling Jig	£51.96	£43.30	910384



Axminster No.1 Dowelling Jig

Use this to produce either E or L joints in timber up to 32mm(1.1/4") thick. The main body is an aluminium extrusion with steel guide bars. The hardened steel drill bushes guide the drill bit ensuring an accurate hole. An integral clamp is holds the jig firmly in position during drilling. A second extruded clamp, secures the workpiece whilst repositioning the jig. Drilling the holes in both pieces at the same setting guarantees an accurate line-up. This jig produces an excellent result. Supplied with hardened steel bushes for 6mm, 8mm and 10mm dowels.

	Inc.vat	Ex.vat	Code
No.1 Dowelling Jig	£42.96	£35.80	410233
Replacement Bushes	£12.46	£10.38	410234

Beechwood Pre-Cut Dowels



· Air-dried pre-cut dowels, flutes ensure good distribution of glue and allow air to escape, whilst chamfered ends ease insertion. Available in 6,8 and 10mm packs

	IIIC.vat	EX.Vdl	Code	
Dowel 6mm x 30mm, (Pkt 200)	£6.96	£5.80	910372	
Dowel 6mm x 30mm, (Pkt 1,000)	£31.96	£26.63	910373	
Dowel 8mm x 40mm, (Pkt 150)	£7.45	£6.21	910374	
Dowel 8mm x 40mm, (Pkt 900)	£41.95	£34.96	910375	
Dowel 10mm x 40mm, (Pkt 120)	£7.75	£6.46	910376	
Dowel 10mm x 40mm, (Pkt 960)	£54.96	£45.80	910377	



Dowel Points & Bits

- Dowel points provide a simple means of transferring the position of holes from one piece to another
- · A lip and spur bit is easier position accurately and will not move as drilling commences
- · Drill collars clamp onto the drill bit to limit the depth of the

	Inc.vat	Ex.vat	Code
4 of Points 6mm	£1.75	£1.46	910378
4 of Points 8mm	£1.96	£1.63	910379
4 of Points 10mm	£2.26	£1.88	910380
Drill & Collar 6mm	£5.46	£4.55	910368
Drill & Collar 8mm	£5.95	£4.96	910369
Drill & Collar 10mm	£7.26	£6.05	910370
Collars 6, 8 & 10mm	£2.46	£2.05	910371
6mm HSS M2 Drill Bit	£5.46	£4.55	502136
8mm HSS M2 Drill Bit	£7.45	£6.21	502137
10mm HSS M2 Drill Bit	£9.76	£8.13	502138
Drill, Collar, Points & 26 Dowels 6mm	£5.76	£4.80	910381
Drill, Collar, Points & 24 Dowels 8mm	£6.76	£5.63	910382
Drill, Collar, Points & 20 Dowels 10mm	£7.26	£6.05	910383

Tenon Cutters

For full details please refer to the 'Drilling Section'



308







Miller Birch Dowel Joinery Kits

Glue and insert

stepped dowel

Tap dowel home

Drill with required

size Miller Bit

Make strong precise joints with speed and ease. Use for making furniture and cabinets.

The innovative stepped and ribbed form of these dowels (or maybe they should be called wooden nails) keeps the glue where you want it, in the joint, without the problem of compression experienced in ordinary dowel joints. The ribs grip the sides of the stepped pockets as they swell with the glue to lock them in place.

Available in three sizes, the starter packs are complete with a unique stepped drill bit for an exact fit and a supply of the Birch dowels.

Mini Kit (6.5 diam.x 41.5) for timber 12 - 14mm thick.

Standard Kit (10.5 diam.x 70mm) for timber 16 - 25mm thick.

Large Kit '2X' (12.8 diam.x 90mm) for timber up to 32mm thick.

Dowels packs available for each size in Birch, Cherry, Oak and Walnut.

	Inc.vat	Ex.vat	Code
Mini Kit c/w 100 Birch Dowels	£22.96	£19.13	300589
Standard Kit c/w 40 Birch Dowels	£26.46	£22.05	300590
Large Kit c/w 50 Birch Dowels	£31.96	£26.63	300060
Mini Dowels Birch (100)	£13.45	£11.21	300503
Mini Dowels Oak (100)	£15.96	£13.30	300534
Mini Dowels Walnut (100)	£23.95	£19.96	300558
Standard Dowels Birch (40)	£7.96	£6.63	300480
Standard Dowels Oak (40)	£9.46	£7.88	300435
Standard Dowels Walnut (40)	£13.96	£11.63	300459
Standard Dowels Cherry (40)	£11.95	£9.96	300411
Standard Dowels Birch (100)	£18.46	£15.38	475640
Standard Dowels Oak (100)	£22.96	£19.13	475432
Large Dowels Birch (40)	£9.96	£8.30	300497
Large Dowels Oak (40)	£11.95	£9.96	300442
Large Dowels Oak (100)	£28.96	£24.13	475190
Mini Stepped Drill Bit	£11.95	£9.96	476813
Standard Stepped Drill Bit	£19.45	£16.21	476062
Large Stepped Drill Bit	£22.96	£19.13	475760



Veritas Dowel Cutters.

Make dowels to perfectly match a project or from a specific species of timber. The Veritas Dowel Cutter and a few timber off-cuts will do the job. The carbon-steel blade in the plated zinc alloy body is adjustable. They work equally well in soft, green or hard woods. The curved blade is relatively easy to sharpen when required. Handheld like a pencil sharpener, they put accurate tenons on the tips of turnings or rustic furniture components. Alternatively using a cordless drill, you need only cut square stock slightly oversize (1.5mm is ample). Use one of the 1/2" size for the 3/8" and 7/16" cutters or a 5/8" for the 1/2" cutter) and a 3/8" sq drive to ¼" hex adaptor, to power the stock through the dowel cutter. Imperial sizes only available 3/8" (9.5mm), 7/16" (11mm) and 1/2" (12.7mm).

	Inc.vat	Ex.vat	Code
3/8" (9.5mm)	£39.96	£33.30	202380
7/16" (11mm)	£39.96	£33.30	202381
1/2" (12.7mm)	£39.96	£33.30	202382
1/2" Square Socket	£3.46	£2.88	202383
5/8" Square Socket	£4.75	£3.96	202384
Square Drive to Hex Adaptor	£2.26	£1.88	477873



Lie-Nielsen Dowel Plates

A traditional tool used to make exact sized dowels from any solid timber. You simply hammer a slightly larger blank through a selected hole. The dowel plate is a 130mm x 38mm x 6.3mm thick, surface ground A-2 cryogenically treated tool steel. The machined holes have 6° clearance on the underside but are parallel for the first 0.6mm. Hardened to 60 HRC it is doubtful whether it will ever need sharpening. Both metric and imperial plates are available, to produce 3mm, 4mm, 6mm, 8mm, 10mm, 12mm and 16mm dowels or 1/8", 3/16", 1/4", 5/16", 3/8", 1/2" & 5/8" in imperial sizes.

	Inc.vat	Ex.vat	Code
Metric Dowel Plate	£51.96	£43.30	421066
Imperial Dowel Plate	£51.96	£43.30	421065



Beechwood Dowelling 498mm Lengths

High quality beech dowelling in 498mm lengths, plain or fluted. FAQ why flutes? When used in jointing the fluting allows air and excess glue to escape as you insert the dowel into a hole.

	Inc.vat	Ex.vat	Code
3mm Plain Dowel Pkt 10	£4.45	£3.71	503042
4mm Plain Dowel Pkt 10	£4.45	£3.71	503043
5mm Plain Dowel Pkt 10	£4.45	£3.71	503044
6mm Plain Dowel Pkt 10	£5.46	£4.55	503045
8mm Plain Dowel Pkt 10	£5.95	£4.96	503046
10mm Plain Dowel Pkt 10	£7.45	£6.21	503047
12mm Plain Dowel Pkt 10	£9.46	£7.88	503048
14mm Plain Dowel Pkt 10	£12.46	£10.38	503049
16mm Plain Dowel Pkt 2	£3.16	£2.63	503050
18mm Plain Dowel Pkt 2	£4.96	£4.13	503051
20mm Plain Dowel Pkt 2	£5.46	£4.55	503052
25mm Plain Dowel Pkt 2	£7.96	£6.63	503053
6mm Fluted Dowel Pkt 10	£5.76	£4.80	503054
8mm Fluted Dowel Pkt 10	£6.46	£5.38	503055
10mm Fluted Dowel Pkt 10	£7.45	£6.21	503056
12mm Fluted Dowel Pkt 2	£2.16	£1.80	503057
14mm Fluted Dowel Pkt 2	£2.65	£2.21	503058
16mm Fluted Dowel Pkt 2	£3.16	£2.63	503059

Fisch SP Wood Twist Drill Bits

- · Lip and spur bits, precision ground and sharpened
- Exact geometry for fast accurate drilling
- Centre point for positive placement
- Cutting spurs ensure clean cut results

N.B All bits shank equals diameter except; 1-12mm with 8mm shank, 13mm and above 10mm shank

Diameter	LT	L2	Inc.vat	Ex.vat	Code
3mm	30mm	61mm	£1.45	£1.21	502109
4mm	40mm	75mm	£1.45	£1.21	502110
5mm	50mm	86mm	£1.45	£1.21	502111
6mm	60mm	93mm	£1.45	£1.21	502112
8mm	80mm	117mm	£1.75	£1.46	502114
10mm	90mm	133mm	£2.26	£1.88	502116
12mm	110mm	151mm	£3.16	£2.63	502118
14mm	120mm	160mm	£4.26	£3.55	502120
16mm	120mm	162mm	£5.46	£4.55	502122
18mm	130mm	185mm	£8.46	£7.05	502123
20mm	140mm	205mm	£10.96	£9.13	502124



Titebond II Premium Wood Glue

- Type Cross-linking PVA
- \bullet Interior and exterior use
- Open time 5 minutes, assemble 10-15 minutes
- Initial tack time 30 minutes, set time 24 hours



UJK Pocket Hole Joinery

Pocket hole joinery combines speed and simplicity. The joints are strong, accurate and hidden. Pocket hole joinery is suitable for many applications and situations. The UJK Technology Pocket Hole Jig opens up a host of possibilities. The jig helps swiftly make frames for furniture, kitchen fitting and more; the list is almost endless.

The Axminster team spent over a year designing, testing and refining the jig. The result of their efforts overcomes many shortcomings found in similar jigs. The UJK jig is an all-metal construction, using steel and aluminium for strength and precision. Initially designed to be bench mounted, accessories are available to turn it into a versatile portable jig. The same attention to detail carries through to the screws. These are zinc plated steel made to DIN 1.1133 standard. The washer head is broad to achieve greater holding power. We chose a Torx recess, for all the advantages this drive system offers.

The advantages of Pocket Hole Joinery include:

SPEED

- Eliminates the need to pre-drill the mating workpiece.

STRENGTH

GRIP

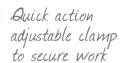
- Screw acts as an internal clamp and is stronger than a biscuit, dowel or tenon.

> Robust all metal

construction

- Constant clamping force combined with today's glue technology makes for an incredibly strong wood-to-wood bond.





technology

UJK Technology Pocket Hole Jig

Hardened

steel bushes

£79.96 Ex.vat: £66.63

Code: 503726

Vent for extraction accessory

> Metric scales to adjust for material thickness

UJK Technology Pocket Hole Jig

This well made jig has all metal parts for added strength and accuracy. The jig can handle material thicknesses from 12mm to 36mm. Clear, metric scales allow for ease of set-up and use. It includes a European made, specially designed, high quality, M2 steel drill bit with a depth stop collar and a 150mm long 1/4 hex Torx T20 screwdriver bit.

Use the jig to drill the holes in one-half of the joint. Special washerhead self-tapping screws then join the two halves. No pre-drilling of the mating piece is required. This avoids many alignment problems caused by having to layout and drill for aligning fasteners as with dowel, biscuit and mortice and tenon joints. The self-tapping screws pull the joint tight. This eliminates the need for clamps as well as the problems associated with pulling the assembly out of square with clamping pressure. Further accessories are available to enhance this jig and allow you to use it portable and with an extractor. The portable plate allows you to take the jig off the bench-mounted unit and use it as a portable jig, where you cannot clamp whilst working on a bench. It is best to use it with the pocket jig clamp. The extraction outlet, offers improved chip clearance when you attach a vacuum extractor (o/d 42mm, i/d 35mm).









£114.96 Code: 717273

The UJK Pocket Hole Jig is available as a complete kit so that it can be used either bench mounted or fitted to a portable plate and used with the clamp so that you take the jig to the work. There is also a very useful extraction plate so that you can attach a vacuum extractor to keep your work area clean. The kit contains all you need to make pocket hole joints

anywhere, anytime. It includes the extraction plate, portable plate, jig clamp, 1,000 screws in own assorter storage box and the high quality M2, European made, spiral drill bit with collar.





UJK Technology Clamp for **Pocket Hole Jia**

Especially developed for the UJK Pocket Hole Jig, this clamp will hold the portable plate securely to your work whilst drilling and can also be used to clamp the joint together whilst fixing. With a quick action and very secure clamp it has two large 45mm face pads that spread the clamp load. Opening to a maximum of 75mm.

	Inc.vat	Ex.vat	Code
UJK Pocket Hole Clamp	£16.96	£14.13	503727

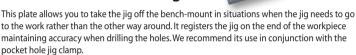
UJK Technology Extraction Outlet for Pocket Hole Jia



This extraction outlet fits onto the rear of the jigs using a couple of machine screws (supplied). With an extractor conected, the wotrkshop is cleaner and more importantly drilling is cleaner and quicker. Outlet diameter: o/d 42mm, i/d 35mm.

Pocket Hole Jig Extraction Outlet	£19.45	£16.21	503801
	inc.vat	EX.Vat	Code

UJK Technology Portable Plate for Pocket Hole Jia



	Inc.vat	Ex.vat	Code	
Portable Plate	£3.25	£2.71	503802	

UJK Technology T20 Screwdriver Bits

Extra long, 1/4" hex shanked T20 Torx screwdriver bits, a choice of 80mm or 120mm in length. Suitable for all T20 Torx head screws and UJK pocket hole washer screws. Sold in packs of 2.

	Inc.vat	Ex.vat	Code		
80mm - Pkt 2	£2.46	£2.05	503456		
150mm - Pkt 2	£3.46	£2.88	503457		

UJK Pocket Hole Jig Accessories

UJK Technology Alignment Clamp for Pocket Hole Jig

This clamp allows you to align the pocket joint exactly, whilst you drive the first screw. The 9.5mm pin fits into a drilled pocket hole and clamp tightened. The fine thread has a quick release button for rapid adjustment when using different material widths.



UJK Alignment Clamp	£15.46	£12.88	502710	
	Inc.vat	Ex.vat	Code	

UJK Technology Pocket Hole Cobalt Drill Quick Change Shank

A high quality Quick Change shanked M35 cobalt stepped drill bit, designed for use with pocket hole jigs. Parabolic flute design and unique tip profile for fast production. Made in Austria. Suitable for UJK, Trend and Kreg pocket hole jigs.

	lnc.vat	Ex.vat	Code
Pocket Hole Cobalt Drill	£25.95	£21.63	507244
Drill Bit Stop Collar	£2.46	£2.05	503834

UJK Technology Extended Nose Quick Change Shank Pocket Hole Drill

A high quality hex shank stepped drill bit designed for use with pocket hole jigs. A parabolic flute design and unique longer tip profile result in a stronger joint and fast production. The extended tip measures approximately 23mm resulting in an increased thread depth and a firmer grip when using 50 or 60mm screws in thicker material. The shank is machined with a double groove and is compatible with all makes of tools. Suitable for UJK Technology, Trend and Kreg pocket hole jigs.

	Inc.vat	Ex.vat	Code
Extended Nose Drill Bit	£24.96	£20.80	506508

UJK Pocket Hole Plug Cutter

Make your own pocket hole plugs. Simply use the plug cutter in a pillar drill to create you own plugs using matching or contrasting timber, glue them in, trim using a flush cut saw and sand to a finish. Cuts 9.5mm (3/8") diameter plugs 55mm long.

	IIIC.Val	EX.Vdl	Code	
Plug Cutter	£9.96	£8.30	506504	

UJK Washer Head Pocket Hole Screws

Material: Zinc plated steel screws made to DIN 1.1133, wax coated

Thread Type: The coarse thread, suits soft woods and other materials such as pine, MDF, melamine and plywood. The fine thread screws suit hardwoods such as oak, maple, walnut and

Head Style: UJK screws use a Torx T20 recess, chosen for all the advantages the Torx drive system offers. The washer head style provides a large amount of surface area to seat firmly in the bottom of the pocket, especially for plywood or pine and ensures that the screw is not overdriven.



Coarse Thread

	Inc.vat	Ex.vat	Code
4 x 25mm Coarse Thread Qty 500	£14.46	£12.05	501567
4 x 25mm Coarse Thread Qty 100	£3.66	£3.05	501568
4 x 30mm Coarse Thread Qty 500	£14.26	£11.88	501569
4 x 30mm Coarse Thread Qty 100	£3.66	£3.05	501570
4 x 35mm Coarse Thread Qty 500	£15.96	£13.30	501571
4 x 35mm Coarse Thread Qty 100	£3.96	£3.30	501572
4 x 50mm Coarse Thread Qty 500	£19.96	£16.63	501573
4 x 50mm Coarse Thread Qty 100	£4.75	£3.96	501574
4 x 60mm Coarse Thread Qty 500	£22.45	£18.71	501575
4 x 60mm Coarse Thread Qty 100	£5.26	£4.38	501576



Timber thickness:

25mm screws to join timber 13mm to 19mm thick 32mm screws to join timber 19mm to 22mm thick 38mm screws to join timber 22mm to 32mm thick 50mm screws to join timber 32mm to 35mm thick 62mm screws to join 38mm thick timber Suitable for use with pocket hole jigs including Kreg.



	Inc.vat	Ex.vat	Code
3.5 x 25mm Fine Thread Qty 500	£9.96	£8.30	501559
3.5 x 25mm Fine Thread Qty 100	£2.65	£2.21	501560
3.5 x 30mm Fine Thread Qty 500	£10.45	£8.71	501561
3.5 x 30mm Fine Thread Qty 100	£2.86	£2.38	501562
3.8 x 30mm Fine Thread Qty 500	£10.45	£8.71	501563
3.8 x 30mm Fine Thread Qty 100	£2.86	£2.38	501564
3.8 x 35mm Fine Thread Qty 500	£11.46	£9.55	501565
3.8 x 35mm Fine Thread Qty 100	£3.06	£2.55	501566



Pack contains:					
Fine thread	Coarse thread				
3.5 x 25mm x 100	4 x 25mm x 150	4 x 60n	nm x	100	
3.5 x 30mm x 100	4 x 30mm x 150				
4 x 30mm x 100	4 x 35mm x 100				
4 x 35mm x 100	4 x 50mm x 100				
		-		-	

	Inc.vat	Ex.vat	Code
Trade Pack	£23.95	£19.96	502479
Torx T20 Screwdriver Bit 80mm - Pkt 2	£2.46	£2.05	503456
Torx T20 Screwdriver Bit 150mm - Pkt 2	£3.46	£2.88	503457



In 1956, Hermann Steiner of Liestal, Switzerland invented the biscuit joining system. In 1968 the first portable biscuit jointer appeared. Still based in Switzerland, the company he founded, Lamello, continue to develop biscuit jointers and jointing connectors. Lamello are the originators and acknowledged as the experts in biscuit jointing technology. The Company dedicates itself to precision and innovation.

The success of the biscuit jointing system lies in its simplicity, accuracy and speed. The basis is a 100mm diameter saw blade, used to plunge-cut slots on each side of a joint. The blade has a 4mm kerf, matching the thickness of the biscuits. Marking out only requires a pencil line across the joint where you wish to place the biscuits. All you need do is line-up the machine's reference marks with your pencil lines. Then push the body of the jointer forward against the baseplate and cut a slot. Repeat the process at each mark, add glue and pop a biscuit into each slot on one side. Bring the joint together and clamp until the glue is dry, it is that simple. The biscuit joiner is easy to use, it requires neither extreme accuracy nor complicated jigs to achieve perfect joints. Working off the face side guarantees a flush joint every time. A biscuit joint is strong, hidden, versatile and a practical solution. In addition to the standard beech biscuit, Lamello offer many other different connectors that fit the 4mm slot.



The Swiss made Lamello Classic X biscuit jointer has a slim body with a 'D' handle. These ensure a comfortable grip and excellent control. The quick depth adjuster combined with CNC machined fences and the overall build quality guarantee spot-on accuracy. The Classic X allows you to take full advantage of Lamello's standard connectors.

Supplied with two fences; the main fence pivots between 0° to 90°, with indents at 22.5°, 45°, 67.5° and 90° for quick set up. An additional square fence fits onto either the main fence or the base of

Model

Rating

Power

Tilting Base

Dust Extraction

the machine, giving greater stability when working vertically. The square fence also allows variable height positioning and forms a very secure platform for narrow edge work. The scales for both the angle and height adjustment are very clear with the baseplate's centre line permanently embossed for clarity.

Each jointer includes: TCT blade, 36mm suction stub; square fence, 4mm slip on plate, tool set and manual. The Classic X is available with or without a Systainer case.

230V		
£799.96		
Ex.vat: £666.63		
Code: 952713		37
Lame II.	TOP 21.	110V £799.96 Ex.vat: £666.63 Code: 952714
Machine shown with the multifunctional stop fence fitted, giving greater stability	The baseplate is easily removed to make blade change easier	
TOP21 Biscuit Jo	inter	

From the inventors comes the ultimate biscuit jointing machine. The TOP21 is the industry standard. This machine gives you perfect alignment first time, every time.

Precise in every way, it is very easy to set the cutter and fences for exact positioning. The cutter is height adjustable in 0.1 mm intervals (2mm either side of centre). The rotary depth control has six preset depth settings. The fences on the TOP21 are flush on the sides for easier positioning. The main fence pivots between 0°-90°. For quick set-up when making a mitre joint, there are indents at 22.5°, 45°, 67.5° plus 90°. The square fence gives you great stability and locks with a quick lever. It also helps when mitring, automatically aligning the machine. The plunge action is extremely smooth and the blade leaves a very clean cut.

The 800W electronically controlled motor features soft start, constant speed and overload protection. Further uses for the TOP21 include cutting grooves and expansion gaps as well as to mill out resin pockets. Comparison Chart - Lamello Jointers

TOP21

ROOW

3.3ka

Yes

Industrial

23mm Outlet / Bag

The TOP21 opens up the most versatile wood joining system around. As standard, the TOP21 offers you all Lamello's standard fixed or detachable connection options. Additional blades bring more possibilities. The machine comes with a dust bag, two dust extraction connectors 23 and 36mm, fence slip on 4mm plate, tool kit and solid wooden beech storage case.

Lamello Clamex S Detachable Connectors

Self-aligning, quick to connect or disconnect Clamex is a clever solution. Without the need for glue and with only a small 6mm hole visible Clamex makes a rock solid joint. Clamex can be connected and reconnected repeatedly without noticeable wear.

Furniture makers, interior fitters, shop and exhibition fitters will all benefit from using Clamex. On site, there is minimal assembly time with full prefabrication possible. All parts are stackable, as Clamex has

It is as easy and efficient to install as normal biscuit jointing. There are no additional positioning parts such as dowels or tongues. Clamex connectors are fibreglass-reinforced plastic with a zinc die

With a Clamex HW blade fitted to your Lamello biscuit jointer a whole new range of possibilities







Classic X

Industrial

36mm Outlet

780W

3.0kg

Yes

No 20 (Box 1,000)

Clear Plate (Box 250)



Lamello System jointing







	inc.vat	Ex.vat	Code	
100 Mixed (50 x 20s, 30 x 10s & 20 x 0s)	£6.76	£5.63	506667	
200 Mixed (100 x 20s, 60 x 10s & 40 x 0s)	£11.96	£9.97	717655	
500 Mixed (250 x 20s, 150 x 10s & 100 x 0s)	£22.76	£18.97	717650	
No 0 (Pack 100)	£6.76	£5.63	506668	
No 0 (Pack 500)	£22.76	£18.97	717647	
No 0 (Box 1,000)	£29.95	£24.96	340944	
No 10 (Pack 100)	£6.76	£5.63	506669	
No 10 (Pack 500)	£22.76	£18.97	717648	
No 10 (Box 1,000)	£30.96	£25.80	340946	
No 20 (Pack 100)	£6.76	£5.63	506670	
No 20 (Pack 500)	£22.76	£18.97	717649	

Biscuits

- · Stamped out of solid beech wood
- · Careful wood grain orientation results in very strong joint
- Strongest and most accurate wooden biscuit
- Compressed precision beech biscuits · Slight expansion on contact with glue ensures a perfect joint
- Sourced from FSA approved forests

Self Clamping Biscuit E20H



- Pull together and hold the joint while the glue cures
- · Made from glass fibre reinforced plastic
- E20H measures 27 x 23mm, suitable for timber thicker than 35mm
- E20L measures 56 x 11.5mm, suitable for material in excess of 50mm wide
- Sold in packs of 80

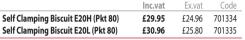
Bulk discount available*

£29.95



340948

f24 96





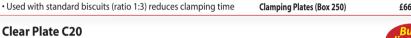
Clamping Plates K20

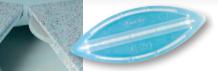
- Barbed plastic biscuit for dry assembly
- · Barbs ensure a secure fit
- Fits into standard No. 20 biscuit slot
- Fitting aid for workpieces difficult to clamp





600112





- Translucent plastic jointing plates
- For man-made materials such as Corian® or Varicor® etc
- Size 60 x 23 x 4mm, equivalent to a No.20 biscuit
- Recommended PUR glue



£4

		Nullius .
14.95	£37.46	510271
c.vat	EX.Vat	Code

£55.80

Duplex Hinges

- Exactly match to the curvature of jointer blade
- Equivalent of No.20 slot
- · Exceptionally quick to fit
- Supplied in boxes of 20 singles (10 R/H & 10 L/H)



Fast Clip In Biscuit Connector

- Concealed fast clip in biscuit connector
- · Makes a detachable joint if required for boxing pipes etc
- · Slide into biscuit slot and tap joint together
- No need to clamp
- Supplied in packs 50 pairs with installation tool

	Inc.vat	Ex.vat	Code	
Brass (10 Pairs)	£74.95	£62.46	166003	
Nickel Plated (10 Pairs)	£54.96	£45.80	100905	





Metal Heavy Duty Slide Biscuit Connector

- · Concealed heavy duty sliding biscuit connector
- · Slide joint together to provide a secure fixing
- Detachable if required for boxing pipes etc No need to clamp joint in place

Slide Biscuit H/D (Box 40)	£72.96	£60.80	211262
	Inc.vat	Ex.vat	Code



- Concealed self clamping biscuit connector
- Slide joint together to provide a secure fixing
- · No need to clamp joint in place
- · Suitable for mitres and corners
- · Supplied with installation template

Pulk
DUIK
discount
available*



Lamello Clamex S Pro Kit

This kit contains everything you need for your Lamello biscuit jointer including drill jigs and a starter pack of Clamex connectors to make these unique joints. The Clamex jointing element is made of two halves that align and connect at the same time. It allows the repeated making and taking apart of a joint again and again. All that shows on the assembled joint is a single 6mm hole, allowing a simple hex key to lock or unlock the joint.

The kit comprises Clamex jointing blade (100mm x 8mm x 22mm bore), 18 pairs Clamex connectors, drilling jig, drill bit, marking jig, hex key and 75 screws.

Accessories available separately

Drill jig - For exact positioning of the hole for the locking mechanism, includes drill bit.

Clamex jointer Blade - Carbide tipped (TCT) replaceable tip blade for 8mm groove, 100 x 22 x 8 mm.

Cover caps - Simple push fit covers to help hide the 6mm hole for the locking mechanism.

	Inc.vat	Ex.vat	Code
Clamex Pro Kit	£289.96	£241.63	718713
S Kit - Box of 18 Pairs, Metal Latch	£39.96	£33.30	211284
Clamex S Drill Jig and 60mm Drill	£112.96	£94.13	702329
S Kit - Box of 80 Pairs, Metal Latch	£144.96	£120.80	211285
Drill jig and HW-Reversing blades cutter	£264.96	£220.80	702311
Clamex HW - Reversing Blades Cutter	£139.96	£116.63	702314
Covercaps Beech (Pkt 100)	£6.96	£5.80	210581
Covercaps Brown (Pkt 100)	£6.96	£5.80	210580
Covercaps Pine (Pkt 100)	£6.96	£5.80	210582
Covercaps White (Pkt 100)	£6.96	£5.80	210578
Covercaps Black (Pkt 100)	£6.96	£5.80	210579

Introducing the Lamello ZETA P2 - The Most Advanced machine of its type.

Offering a unique profile groove function to install the unique Clamex P connectors

Zeta P2 T-Slot Biscuit Jointer

The Zeta P2 offers more than a standard biscuit jointer. The unique undercut function allows you to fit the P system concealed Clamex P connectors. These simply slide into the 'T' slot produced without the need for glue. The connectors also clamp, resulting in a tight joint in practically no time at all. Almost totally concealed, the only visible sign is a single 6mm hole. Clamex connections are ideal for many applications such as furniture, shop fitting and exhibitions. It is also suitable for solid wood and man-made boards, overcoming many design issues. The Zeta jointer has a special vertical mechanical drive, engaging when the jointer is at full plunge. This moves the cutter up and down in one full turn and then disengages leaving 'T' slot to accept the special Clamex biscuit. There is the option to switch off the undercut function. The Zeta will then cut a 7mm plain slot for the 'Bisco' biscuit. The new P-System depth adjuster has five

> 230V with **Wooden Case**

£999.96

Ex.vat: £833.30 Code: 502914 **Wooden Case**

£999.96

Ex.vat: £833.30 Code: 502915

110V with

settings for the ever growing range of Lamello Clamex connectors and standard biscuit jointing blade.

As with all Lamello, product design and build are of the highest quality. Other features include precise plunge with clear depth setting, jointer fences with flush sides to make positioning simple, the fence fits with vee grooves for accuracy and clear

Lamello

If you wish to use standard Lamello biscuits or clamping plates any time you need only change the blade for a 4mm standard Lamello blade

The Zeta P2 jointer comes with a Clamex 7mm blade, assorted fittings, drill bit, drill stop collar, drill guide and suction adaptor. The Lamello Zeta is available with either a wooden box or a Systainer case.

230V with **Systainer Case**

£1,039.96

Ex.vat: £866.63

Code: **506673**

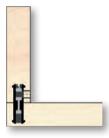
Systainer Case

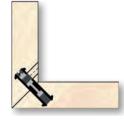
£1,039.96

Code: 506674



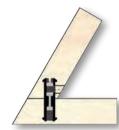
Model	Zeta
Rating	Industrial
Power	800W
Tilting Base	Yes
Dust Extraction	Yes
Weight	3.7











What can Clamex P do?

The guickest and most economical way to install knockdown fittings



Simple automatic cutting operation



Slide in self retaining Clamex P fitting



Flexible use for mitres in all angles



Finished work can be flat packed for transport

How does Clamex P work?



Cut the profile groove for Clamex P fitting



Slide the drill jig into the groove and drill the access hole for the locking key



Slide Clamex P into the groove



Lock fitting together









The Lamello P-System offers more than a standard biscuit joint. The special groove is cut by Zeta biscuit jointer (or CNC machine) giving an undercut function to allow for the fitting of special concealed Clamex P connectors that slide into the 'T' slot produced. The connector also clamps, so no additional clamping methods are required. Almost totally concealed; the only visible sign is a single 6mm hole, making it ideal for many applications such as furniture, shop fitting and exhibitions. It is also suitable for solid wood and manmade boards, overcoming many design issues.



Lamello Clamex Connector for Zeta

Perfect for knock down and fast assembly

One amazing connector with a host of uses. Clamex P connectors make solid joints without the need for glue, screws or additional clamps and they can be detached for transit or storage of your work piece. Once the joint is together, only an almost invisible 6mm hole remains as evidence. This extremely clever jointing system overcomes so many design problems and gives you quick simple secure joints every time.

Biscuit shaped fitting with a 'T' profile that slides in place, without the need for screws or glue. Two small studs align the connector. A hex key inserted into the 6mm hole operates the pivot lever to bring together and lock the joint firmly and securely. Clamex P connectors are fibreglass reinforced plastic, they have a tensile strength of 160kg.

Clamex P is available in two sizes, P-14 for general use and the shallower P-10 for thinner boards.

P-14: length 66mm x width 29mm (slot depth each half 14.5mm) P-10: connecting 13mm panels; length 52mm x width 19mm (slot depth each half 9.7mm) (requires P-10 drill guide.)

	Inc.vat	Ex.vat	Code
Clamex P-14 Connector (Pkt 80)	£89.95	£74.96	506628
Clamex P-14 Connector (Pkt 300)	£284.95	£237.46	506629
Clamex P-14 Connector (Pkt 1,000)	£879.96	£733.30	506630
Clamex P-10 Pack 80	£107.95	£89.96	503672
Clamex P-10 Pack 300	£359.95	£299.96	503673
Clamex P-10 Pack 1,000	£1099.95	£916.63	503674









Tenso P-14 Connector

Self-locking, self-clamping for rapid assembly with or without glue

This is a self-locking connector with a very high clamping force. Part of the Lamello Zeta fitting range, self-anchors in the 'P' system groove. This invisible fitting simply locks together offering a tight connection that requires no further clamping or pressure. You can use it alone, or with other 'P' style connectors, with or without glue. It is especially suitable for 90° joints. Groove depth 14mm.

	Inc.vat	Ex.vat	Code
Tenso Connector Pack 80	£52.96	£44.13	506102
Tenso Connector Pack 300	£174.96	£145.80	506103
Tenso Connector Pack 1,000	£529.96	£441.63	506632



Bisco Biscuit

Low cost span style intermediate stabilising biscuit (preassembly or gluing with Tenso).

Used as an aligning or jointing biscuit, the 7mm thick flat Bisco is designed to work with the P-system groove produced by the Zeta or CNC system, providing alignment for assembly and greater shear strength, it can be glued in place if required. The Bisco is a flat 7mm plastic biscuit and is available in two sizes.

Risco P-14 is 65mm x 27mm Bisco P-10 is 52mm x 19mm

	Inc.vat	Ex.vat	Code
Bisco P-14 Biscuit Pack 80	£22.96	£19.13	950870
Bisco P-14 Biscuit Pack 300	£67.96	£56.63	950871
Bisco P-10 Biscuit Pack 80	£19.96	£16.63	503848
Bisco P-10 Biscuit Pack 300	£59.95	£49.96	503849



Lamello Clamex P Medius Connector for Zeta

Knockdown back to back/shelf connectors

The Medius is a centre panel connector, allowing you to put them back to back in a board with a thickness as thin as 16mm. For example, in shelf units where two shelves meet a dividing panel at the same height. The install the deeper lever half of the Medius into the ends of the shelf. Install the shallower female half into the dividing panel. Thanks to its minimal depth and crescent-shape, it is possible to fit the female half back-to-back in a dividing panel measuring just 16mm. Medius works on exactly the same principal as the Clamex P-14/P10. It forms a strong secure joint without the need for screws or glue. Medius - lever half - 66mm × 14.5mm (P-14 setting) female half - 52mm ×7.5mm (P-10 setting)

Code Clamex P Medius - Pack 80 £117.96 £98.30 502891 Clamex P Medius - Pack 300

£379.96

f316.63

502892



Lamello Clamex Covercaps

Simple push fit covers to help hide the 6mm hole that allows access the Clamex locking mechanism. Available in packs of 100 and a choice of five colours: black, white, pine, beech and brown.

	Inc.vat	Ex.vat	Code
White (Pkt 100)	£6.96	£5.80	210578
Black (Pkt 100)	£6.96	£5.80	210579
Brown (Pkt 100)	£6.96	£5.80	210580
Beech (Pkt 100)	£6.96	£5.80	210581
Pine (Pkt 100)	£6.96	£5.80	210582



Lamello P-System Drill Jig P-14, P-15 and P-10

This drill jig is suitable for drilling the 6mm hole required to gain access to the locking mechanism for the Lamello Clamex S and Clamex P joint. Use for angles up to 22.5°. Supplied with drill bit and depth-stop collar. Use with Lamello P-14, P-15 and P-10 connectors.

	Inc.vat	Ex.vat	Code
P-System Drill Jig and Drill P-14, P-15 an	d P-10£56.95	£47.46	506631



Lamello Biscuit Jointer Blade

This Lamello tungsten tipped blade is a top of the range industrial quality blade for trade or professional use. Cuts 4mm slot for biscuits and other connectors. Diameter 100mm bore 22mm. (Fits Lamello; Classic C3, TOP20/21 and Zeta as well as many other makes of biscuit jointer).

	Inc.vat	Ex.vat	Code	
TCT Blade	£89.95	f74 96	132000	

Invis the totally invisible joint that requires no glue or screws, is very strong and can be disassembled at any time

Invis is a very clever two-part connector that will totally revolutionise the way you work and will overcome many jointing problems. No need to clamp, no visible signs on your work and you can take apart whenever you need with the special MiniMag drive box.

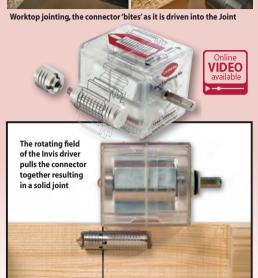
Working like a dowel, it is in two parts with a central male and female thread and a coarse outer thread which is screwed into a pre-bored hole. Bring the two components together and using the special 'MiniMag' box in a power drill, lay this horizontal to the joint and forward spin to tighten the connector together resulting in a solid joint. To disassemble reverse the drill and undo - simple, quick and easy. Both the stud and joiner stay flush with the joint edge so no damage can occur in transport.

The Lamello Rasto Drill Jig is designed to be used when drilling Invis connectors. This simple and easy to use jig requires no marking or measuring for precision jointing every time, working like magic.









MiniMag Mx & Driver Bit

The MiniMag Mx houses the rotating magnet that drives the jointing connectors of the Lamello Invis system, it attaches to any standard drill and running at between 120 - 1500rpm. Supplied with a special screwdriver bit to screw the Invis connectors into the drilled holes. Spare driver bits also available.

MiniMag Mx & Driver Bit	£79.96	£66.63	212605
	inc.vat	Ex.vat	Code

Invis Mx2 **Connector Set**

- 12mm in diameter with a coarse outer thread
- · Deep outer setting-thread ensures very firm grip
- Two part Invis connector made up of a stud and jointing element
- Internal threaded stud is 14mm long
- Threaded jointing element is 35mm long
- 250kg of clamping force

	lnc.vat	Ex.vat	Code
MX2 Connector Set Pkt of 20	£89.95	£74.96	506243

Invis Mx2 **Jointing Element**

- For use with the Invis connector studs
- · 250kg clamping force when jonned
- · Hard nickel-plating
- 35mm long

	Inc.vat	Ex.vat	Code
Invis Mx2 35mm Jointing Element Pkt 20	£78.96	£65.80	506239



Invis Mx Screw



- Driver for both the jointing element and stud of the Invis
- Four point drive system
- · Large contact area for perpendicular alignment
- Hex shank

Invis Mx Screw Driver Bit	£13.96	£11.63	212612
	Inc.vat	Ex.vat	Code

Invis Mx2 Studs



- 14mm standard or 30mm long
- For use with Mx2 jointing element
- 30mm length gives stronger hold in particleboards etc
- · Hard nickel-plated
- Deep outer setting-thread easier insertion, tremendous grip

	Inc.vat	Ex.vat	Code
Invis Mx2 Stud 30mm Pack 20	£27.96	£23.30	506237
Invis Mx2 Stud 14mm Pack 20	£13.96	£11.63	506238



Invis Mx2 Starter Kit with 20 connectors and Rasto Drill Jig

The Invis Mx2 starter kit is supplied with a MiniMag Mx2 magnetic driver, two driver bits, a flexi shaft for tight corners, 20 Invis Mx2 connectors, a Rasto drill jig with 12mm drill bit, depth adjuster and an Mx2 insertion bush all packed in a Systainer storage case. The Invis connector is a 12mm diameter steel dowel in two parts. It has a central male thread in one-half and a corresponding female in the other. To make the joint, a 12mm hole must be bored in each workpiece. The Rasto Drill Jig ensures complete accuracy for perfectly aligned holes. Each half of the connector has a deep outer setting-thread for a firm grip in the timber. Bring the two halves together and place the MiniMag Mx on the joint. Driven by a suitable cordless power drill, the rotating magnetic field remotely drives the connector just as one cogwheel drives another. An Invis connector has 250kg clamping force ensuring a tight and secure

The Invis connector gives you an invisible means of making a joint. Invis joints are just as easy to take apart and reassemble at any time. The Rasto is a unique drill jig that will give precision alignment of Invis connectors as well as many other drilling tasks such as

Invis Mv2 and Dasta Stautov Vit	Inc.vat	Ex.vat	Code
Invis Mx2 and Rasto Starter Kit	£314.95	£262.46	506241
991		111	
Lamello Rasto	1/2	VI	DEO railable
Drilling Jigs			_

This very clever jig will allow you to very accurately position holes and mirror the position on an opposite member for perfect alignment. Simple to use, the secret is in the design and precision ensuring accurate hole-position every time. Using pins, placed a network of holes, as reference stops, Rasto even works on oddly shaped work pieces, such as the ends of handrails. Screw your chosen size of drill bush into the jig to guide your drill bit. Once drilled remove pins and bushes relocate in the same holes on the opposite side of the plate. This will guide place the drill bush in the exact mirror position, ready for the corresponding hole.

The Basic kit contains; Rasto drill plate, 3 guide pins, 4 drill bushes (6, 8 10 and 12mm) and fixing screw.

The Duo Kit contains; 2 drill plates, 6 guide pins, drill bits 5, 8 and 12mm diameter with stop collars and 8 guide bushes, jointing bar and length stop all packed in a Systainer case for storage.

	Inc.vat	Ex.vat	Code
Basic Jig Kit	£115.96	£96.63	212514
Duo Jig Kit	£344.95	£287.46	212604

Invis Mx2 Spacer Bush for Rasto

- Drill bush to use with Rasto drill jig
- · Gives exact depth for fitting Invis MX2 connector
- Fits 12mm drill bit

	Inc.vat	Ex.vat	Code
Invis MX2 Spacer Bush for Rasto	£8.95	£7.46	506255

Rasto Two Part Connection Rod 500mm

- · Allows two Rasto drill plates to be connected
- · Great when drilling long pieces of wood

	Inc.vat	Ex.vat	Lode
Rasto Two Part Connection Rod 500mm	£15.96	£13.30	506256



























The Leigh FMT Pro is an outstanding product with superb build quality. No other jig or method can match the ease, versatility and absolute precision of this jig. It brings the possibility of professional quality mortice and tenon joints to any workshop and any woodworker. Mortice and tenon joints routed on the FMT are immensely strong and virtually indestructible. This centuries-old joint is the thoroughbred of all woodworking joints and is used in fine furniture and cabinetmaking everywhere. Bench mounted, the FMT jig takes up little room in the workshop and is always readily available for use with little setting up. Many makes of router can be fitted to the Leigh FMT jig using the router's side fence rod clamps. This system allows the router to be quickly fitted to or removed from the jig, no need for a dedicated router.

N.B.The FMT is available in both imperial and metric versions and all optional guide sets are compatible with the FMT and Super FMT models.

Features

- Over 70 sizes of mortices and tenons
- Standard joint guides available in 1/4", (5/16" included with jig), 3/8" and 1/2"
- Maximum 1/2" x 5" joint size
- Double, triple and quadruple joints
- Easily recorded, repeatable joint tightness adjustment
- Angled and compound angled joints
- Works with virtually any plunge router

Standard Equipment (Imperial version)

- Universal sub-base that attaches to virtually any plunge router
- $5 \times 5/16''$ joint guides (5/16'' by 1/2'',3/4'',1'', 1.1/4'' and 1.1/2''), which can make over 21 sizes of mortices and tenons
- · Joint guide stand
- 5/16" HSS spiral upcut bit with 1/2" shank
- 2 cam-action speed clamps
- Adjustable sidestop fence for tenoning
- 2 outrigger bars
- Screwdrivers and mounting hardware
- · Illustrated user guide





	Inc.vat	Ex.vat	Code
Optional Guide Sets - 6, 10 & 12mm	£79.96	£66.63	474684
Mortice & Tenon Jig - Imperial	£979.96	£816.63	210505
Optional Guide Sets - 1/4", 3/8" & 1/2"	£77.95	£64.96	100782







£464.95 Ex.vat: £387.46

Leigh Super FMT Mortice & Tenon Jig

The Super FMT can produce exactly the same joints as the original version but at a fraction of the cost. It is supported by all the same guides and accessories that are available for the FMT and it has the same capability and capacity. The cost has been kept low by using steel instead of aluminium in the manufacture of this model and F clamps. The accuracy and quality have not been compromised on this very affordable jig and you will be impressed by the excellent range of joints it produces. The optional vacuum box (211377) which when used with a suitable extractor, helps to keep airborne dust to a minimum in the workshop.

Simplicity is the Key

The Leigh FMT and Super FMT use just one bit, one guide and one set-up for every standard joint. It's that easy. There are no bit or guide changes to fuss with and the set-up stays the same for both parts of the joint. Joint fit is easily adjusted for perfect results every time. FMT guides and bits allow you to create any size mortice and tenon from a tiny 1/16"x 1/8" to a massive 1/2"x 5".

Features

- Over 70 sizes of mortices and tenons
- Maximum joint size 12mm x 125mm
- 6 Specialty Guides available including 4 square tenon guides, Louvre guide set and Y Axis Mortice guide
- Optional standard joint guides available in 6mm, 10mm and 12mm (8mm included with iig)
- Single, double (tandem & side-by-side), triple and quadruple joints
- Recordable, repeatable joint fit adjustment
- Angled and compound angled joints
- Heavy gauge rugged steel frame
- Multi position clamping
- Easy and precise joint sighting

Standard Equipment

- Universal sub-base that attaches to virtually any plunge router
- 6 standard joint guides 8mm x 15mm, 20mm, 25mm, 30mm, 35mm, 40mm
- Joint guide stand
- Leigh 170-500 5/16". HSS spiral upcut bit 1/2". shank





Angled joints easily accomplished

Clamp plate tilted for compound joints

	Inc.vat	Ex.vat	Code
Optional Vacuum Box	£45.96	£38.30	211377
Set of four Square Tenon Guides	£60.96	£50.80	474713
Louvre Door Guides (FMT and Super FMT)£39.96	£33.30	475070
Y-Axis Mortice Guide	£25.96	£21.63	475611
Additional Clamps for Super FMT	£23.95	£19.96	951101

 $The \, 'DOMINO' \, is \, a \, unique \, jointing \, system \, using \, rounded \, loose \, tenons. \, It \, forms \, very \, strong, \, is \, in the expectation of the expectation$ accurate and precise joints. The Domino system is perhaps one of the most important woodworking innovations of recent times. It combines exceptional versatility with simple handling and maximum precision. The DOMINO's patented routing principle with the wide range of adjustment options make it extremely versatile. Festool's quality engineering combined with the DOMINO's numerous applications will result in this tool quickly becoming a true favourite. A DOMINO can do everything a morticer can and far more besides. On top of that, it's fully portable and simple to use. If a perfectly fitting joint in a fraction of the time is what you're looking for, then look no further.



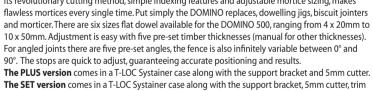
230V **VIDEO** £859.96 Ex.vat: £716.63 Code: **501632**

DOMINO DF 500 Jointing Machine



The DF 500 is suitable for a host of jointing tasks in solid timber and man-made boards. It produces a strong joint and can overcome many difficult jointing problems. The DOMINO, with its revolutionary cutting method, simple indexing features and adjustable mortice sizing, makes

The SET version comes in a T-LOC Systainer case along with the support bracket, 5mm cutter, trim



mitre jointing







Comparison Chart - DOMIN	io Jointing System	
Model	DF 500 Q-Plus	XL DF 700 EQ-Plus
Rating	Industrial	Industrial
Power	420W	720W
Speed	24,300rpm	21,000rpm
Dowel sizes	4 x 20mm to 10 x 50mm	8 x 40mm to 14 x 40mm
Cutter depth stops	12, 15, 20, 25 and 28mm	15-70mm
Height Adjustment with Scale	5-30mm	10-50mm
Movable Stepped Stops	16, 20, 22, 25, 28, 36 and 40mm	10, 15, 20, 30 and 40mm
Domino Cutter Sizes	4, 5, 6, 8 and 10mm	8, 10, 12 and 14mm
Weight	3.2kg	5.2kg



Retractable stops for accurate positioning from

DOMINO XL DF 700 EQ-Plus Jointing Machine Set



The DF 700 is perfect for making strong joints in furniture, door and window construction and

other large joinery projects. It is capable of milling a pocket for a DOMINO dowel up to 70mm

deep. Fully adjustable fences allow you to cut a single or a series of central or offset holes with

perfect alignment. It has quick adjustment for different material thickness. There are four cutter

or last cut hole. The depth of cut is variable from 15 to 70mm and the fence tilts from 0° to 90°.

sizes available 8, 10, 12 and 14mm. Sprung stops allow for quick positioning from a reference edge

Supplied as a set version complete with a 12mm cutter, support bracket and Systainer case.

can be connected.







DOMINO DF 500 & XL DF 700 Dowel Packs

DOMINO Dowel Packs

Dowel 8 x 50mm (Pkt 100)

Dowel 8 x 80mm (Pkt 190)

Dowel 14 x 100mm (Pkt 80)

Dowel 14 x 140mm (Pkt 70)

For DOMINO DF 500	Inc.vat	Ex.vat	Code
Dowel 4 x 20mm (Pkt 450)	£11.76	£9.80	211260
Dowel 5 x 30mm (Pkt 300)	£11.76	£9.80	931282
Dowel 5 x 30mm (Pkt 1,800)	£62.95	£52.46	493296
Dowel 6 x 40mm (Pkt 190)	£11.76	£9.80	931283
Dowel 6 x 40mm (Pkt 1,140)	£62.95	£52.46	493597
For DOMINO DF 500 & DF 700	Inc.vat	Ex.vat	Code
Dowel 8 x 40mm (Pkt 130)	£11.76	£9.80	931284
Dowel 8 x 40mm (Pkt 780)	£62.95	f52 46	493298

Dowel 8 x 50mm (Pkt 600)	£62.95	£52.46	493299
Dowel 10 x 50mm (Pkt 85)	£11.76	£9.80	931286
Dowel 10 x 50mm (Pkt 510)	£62.95	£52.46	493300
For DOMINO XL DF 700	Inc.vat	Ex.vat	Code
Dowel 8 x 100mm (Pkt 150)	£32.46	£27.05	501641
Dowel 10 x 80mm (Pkt 150)	£32.46	£27.05	501642
Dowel 10 x 100mm (Pkt 120)	£32.46	£27.05	501643
Dowel 12 x 100mm (Pkt 100)	£32.46	£27.05	501644
Dowel 12 x 140mm (Pkt 90)	£32.46	£27.05	501645

£11.76

£32.46

£32.46

£32.46

£9.80

£27.05

£27.05

£27.05

931285

501640

501646

501647



Weatherproof Sipo solid beech wood dowel for the DF 700 DOMINO Jointing Machine. 750mm long, simply cut to length to suit your requirements. Sipo dowel rods are resistant to insects and mould attack for exterior applications.

	Inc.vat	Ex.vat	Code
Sipo 12 x 750mm Dowel Rod (Pkt 22)	£81.96	£68.30	501654
Sipo 14 x 750mm Dowel Rod (Pkt 18)	£81.96	£68.30	501655

DOMINO DF 500 Dowel Cutters

• For use with the Festool DF 500 **DOMINO Jointing Machine**





DOMINO 1,060 Assortment & Cutters (DF 500)

- 4, 5, 6, 8 and 10mm cutters for the DF 500 DOMINO
- 1,060 DOMINO dowels in total
- 6 sizes of dowel 4 x 20mm, 5 x 30mm, 6 x 40mm, 8 x 40mm, 8 x 50mm and 10 x 50mm
- Festool SYSTAINER® T-LOC case

1,060 Assortment & Cutters	£149.95	£124.96	501843
	Inc.vat	Ex.vat	Code



DOMINO Cross Stop

- For repeat spacing between 100 and 205mm
- · Self aligning, no need to mark the workpiece
- For the DF 500 and XL DF 700

	Inc.vat	Ex.vat	Code
Cross Stop	£39.96	£33.30	493488



- For round or rounded workpieces 35 to 60mm diameter
- Attaches to the jointer without the need for tools
- · Suitable for both straight and mitred joints
- For the DF 500 and XL DF 700

I	Inc.vat	Ex.vat	Code
Handrail Fence	£32.46	£27.05	701449



- 2 DOMINO XL DF 700 cutters: 8mm and 10mm
- 306 DOMINO solid beech wood dowels in total
- 6 sizes of dowel: 8 x 50mm, 8 x 80mm, 8 x 100mm, 10 x 50mm, 10 x 80mm and 10 x 100mm.
- Festool SYSTAINER® T-LOC case

		CAAC CO	
Assortment & D8, D10 Cutters	£139.96	£116.63	501634





- Systainer T-LOC 2 case
- 128 DOMINO solid beech dowels in total
- Four sizes of dowel: 12 x 100mm, 12 x 140mm, 14 x 100mm and 14 x 140mm

	lnc.vat	Ex.vat	Code
Assortment & D14 Cutter	£124.96	£104.13	501635

DOMINO XL DF 700 Dowel Cutters

· For use with the Festool XL DF 700 DOMINO Jointing Machine



	Inc.vat	Ex.vat	Code
XL DOMINO Cutter 8mm	£35.95	£29.96	501636
XL DOMINO Cutter 10mm	£37.96	£31.63	501637
XL DOMINO Cutter 12mm	£39.96	£33.30	501638
XL DOMINO Cutter 14mm	£42.96	£35.80	501639



- · Aligns narrow workpieces between 22 and 70mm
- · Sides adjust independently for centred or off-centre drilling
- · Suitable for straight or mitred joints
- For the DF 500 and XL DF 700

Trim Stop	£38.46	£32.05	493487
тип этор	230.40	232.03	775707



DOMINO DF Stop

- Reduces dowel centre from 37 to 20mm
- Increases the contact area of the Domino for better stability
- For use with DF 500 only

	lnc.vat	Ex.vat	Code
DF Stop	£18.96	£15.80	211253